

Converting Colors

Hex(85B2DF)

Have a look what the booklet for
Hex(85B2DF) contains.

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Color

Hex(85B2DF)

Conversions

Conversions Part 1

Format	Color
Hex	85B2DF
RGB	133, 178, 223
RGB Percent	52%, 70%, 87%
CMY	0.4784, 0.3020, 0.1255
CMYK	0.40, 0.20, 0.00, 0.13
HSL	210°, 58%, 70%
HSV	210°, 40%, 87%
XYZ	38.9125, 42.1550, 75.8979
YIQ	169.6750, -41.2650, 4.4550

Conversions

Conversions Part 2

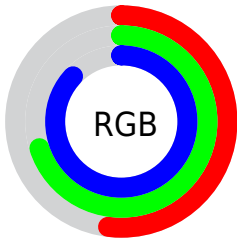
Format	Color
R _Y B	133, 163, 223
Decimal	8762079
CIE Lab	70.98, -3.64, -27.37
CIE LCh	71, 27.611, 262.432
Yxy	42.1550, 0.2479, 0.2686
Android (android.graphics.Color)	4286952159 (0xFF85B2DF)
YUV	169.6750, 26.2892, -32.1640
Hunter-Lab	64.9269, -6.6420, -23.8596

Details

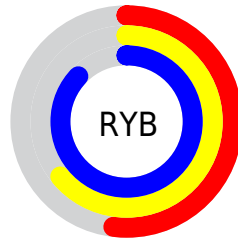
The Hex color **85B2DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFB285**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BDEAFF**, and **4E7EA8** is the 20% darker color. If you saturate the color by 10%, you get **6FA7DF**, and if you desaturate by 10%, it is **9BBDDF**.

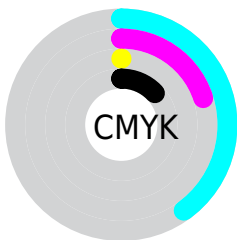
Distribution



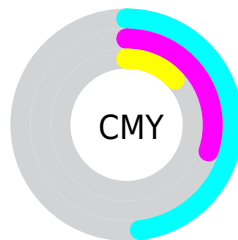
- Red (52%)
- Green (70%)
- Blue (87%)



- Red (52%)
- Yellow (64%)
- Blue (87%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B2DF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 85B2DF by changing the saturation by 10% instead.

 85B2DF

 85B2DF

FFFFFF

 6A97C3

 BDEAFF

 4E7EA8

 DAFFFF

 32658D

 F7FFFF

 104D73

 00365B

 002143

 000A2D

 000117

 000000

 85B2DF

 85B2DF

 6FA7DF

 9BBDDF

 589CDF

 B2C8DF

 4291DF

 C8D3DF

 2C85DF

 DEDFDF

 157ADF

 F4EADF

 0070DF

 FFF5DF

 FFFFDF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68B8D5



85B2DF



A9AADC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85B2DF



E19C9C



8FB88E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85B2DF



DFB285

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ACB27F



85B2DF



D9A287

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85B2DF



DB9CB5



C6AA7C



74BBA6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85B2DF



BFA4D3



C6AA7C



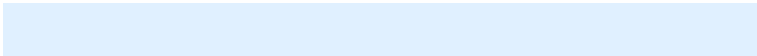
99B688

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85B2DF



E0F0FF



85DFB2



6E7780



000000



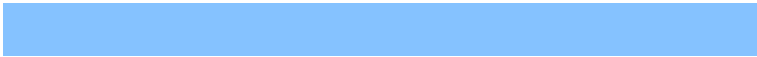
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85B2DF



85C2FF



8585DF



656B70



0058B0



001830

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DF85B2



FF85C2



DFDF85



70656B



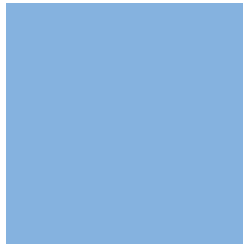
B00058



300018

Previews

White Background



This preview shows how the Hex color 85B2DF looks on a white background.

Color Contrast Check

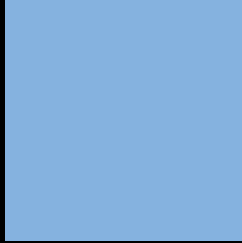
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 85B2DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

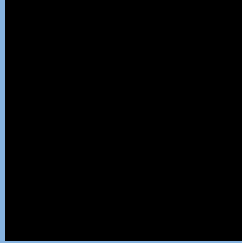
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

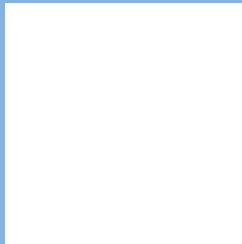
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 85B2DF Background



This preview shows how black text looks on a background with the Hex color 85B2DF.

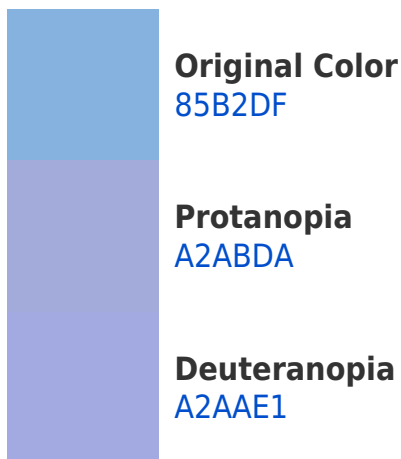


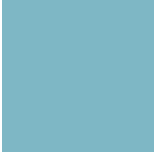
This preview shows how white text looks on a background with the Hex color 85B2DF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

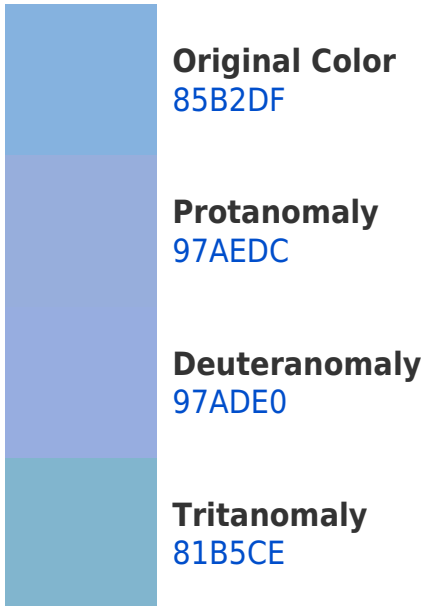
Dichromacy



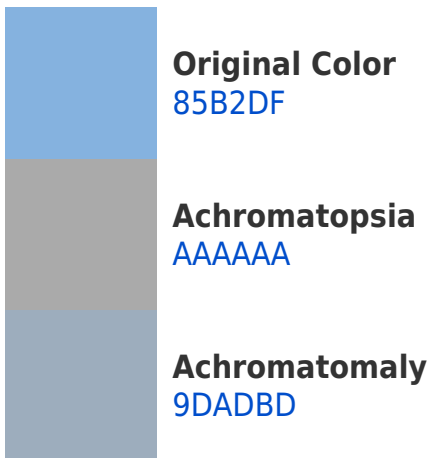


Tritanopia
7EB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B2DF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #85B2DF looks like.

```
.text, #text, p{  
    color:#85B2DF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #85B2DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B2DF  
}
```

Border

The CSS property to change the border of an element to Hex 85B2DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#85B2DF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#85B2DF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #85B2DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B2DF; -webkit-box-shadow:4px 4px  
4px 4px #85B2DF; box-shadow:4px 4px 4px  
4px #85B2DF }
```

Background

The CSS property to change the background color of an element to Hex 85B2DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B2DF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#85B2DF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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